

DF- 3330-76-4 DF- 3330-83-5

MATERIAL SAFETY DATA SHEET

SECTION I

Manufacturer's Name DIFCO LABORATORIES, INC.		Emergency Telephone Numbers 800 521-0851 313 462-8500	
Address (Number, Street, City, State, and Zip Code) P.O. BOX 331058		Chemical Name and Synonyms 	
DETROIT MICHIGAN 48232-7058		Trade Name and Synonyms GRAM DECOLORIZER	Formula 3330
		Chemical Family	

SECTION II - HAZARDOUS INGREDIENTS

Paints, Preservatives, and Solvents	%	TLV (Units)	Alloys and Metallic Coatings	%	TLV (Units)
Pigments		N Ap	Base Metal		N Ap
Catalyst		N Ap	Alloys		N Ap
Vehicle		N Ap	Metallic Coatings		N Ap
Solvents		N Ap	Filler Metal Plus Coating or Core Flux		N Ap
Additives		N Ap	Others		—
Others		—			

Hazardous Mixtures of Other Liquids, Solids or Gases	LD ₅₀	CAS#	%	TLV (Units)
* Acetone (Flammable)	3000mg/kg(Or-mouse)	67-64-1	25	750ppm
* Isopropanol (Flammable)	3600mg/kg(Or-mouse)	67-63-0	75	400ppm

SECTION III - PHYSICAL DATA

Boiling Point (°F)	56.1-82°C 133 -180°F	Specific Gravity (H ₂ O = 1)	0.79
Vapor Pressure (mm Hg.)	186 mm·Hg	Percent Volatile by Volume (%)	100
Vapor Density (AIR = 1)	2.0-2.1	Evaporation Rate (* 1)	2.4-14.48

Solubility in Water: Complete

Appearance and Odor: Clear, colorless liquid, slightly pungent odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	20°F (CC)	Flammable Limits	Let	3.5	Uel	18.0
Extinguishing Media	Use Carbon Dioxide or Dry Chemical					
Special Fire Fighting Procedures						

N Ap

Unusual Fire and Explosion Hazards: N Ap

SECTION V - LISTED IN AS A CARCINOGEN

NTP	IARC	Other	N Ap
OSHA			

Date of Preparation: MAR -- 1990

Prepared by: Ellen M. Bernard

SECTION VI - HEALTH HAZARD DATA

Threshold Limit Value 453ppm
 Permissible Exposure Limit N Ap
 Other _____
 Effects of Overexposure _____

Contact with eyes may cause irritation or tissue damage.
 Contact with skin may cause irritation.

Emergency First Aid Procedures

Immediately flush eyes and skin with plenty of water for at least 15 minutes.
 In case of eye exposure, call a Physician.

Primary Routes of Entry

Contact

SECTION VII - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	

Incompatibility (Material to Avoid)

Ignition sources and strong oxidizers

Hazardous Decomposition Products

N Ap

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

Eliminate sources of ignition, wipe up with a damp sponge or mop, flush down drain with plenty of water.

Waste Disposal Method

According to Federal, State, and Local Regulations.

SECTION IX - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) N Ap

Ventilation	Local Exhaust	<u>Preferred</u>	Special	_____
	Mechanical (General)	<u>Yes</u>	Other	_____

Protective Gloves Rubber | Eye Protection Safety Goggles

Other Protective Equipment N Ap

SECTION X - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

Do not handle or store near flame, heat, or strong oxidants.

Other Precautions

* Subject to SARA Title III §313 Reporting Requirements.